

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Yongjun J. Hu

Serial No.: 10/719,047

Filed: November 20, 2003

For: METHOD AND STRUCTURE FOR REDUCING  
RESISTANCE OF A SEMICONDUCTOR DEVICE FEATURE

§  
§ Group Art Unit: 2811  
§  
§ Examiner:  
§  
§ Atty. Docket: 2003-0930.00/US  
§  
§ Paper No.  
§

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Certificate of Mailing (37 C.F.R. § 1.8)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:	
5/3/04 Date	<i>Susan Jerome</i> Signature

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant respectfully requests that this Information Disclosure Statement be entered and that the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Per the PTO's waiver of the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, copies of the listed references are not enclosed.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 C.F.R. § 1.56(a) exists.

The following references are cited for the Examiner's review:

U.S. Patents

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
6,589,884	07/08/2003	Torek
6,221,762	04/24/2001	Byun et al.
6,075,274	06/13/2000	Wu et al.

Applicant understands that no fee or certification is required for the submission and consideration of this information at this time. If the fee of 37 C.F.R. § 1.17(p) is required at this time, the Commissioner is authorized to charge such fee to Deposit Account No. 13-3092, Order No. 2003-0930.00/US.

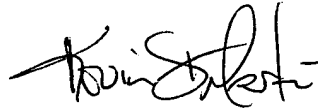
If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicant's undersigned agent at the number indicated.

\* \* \* \*

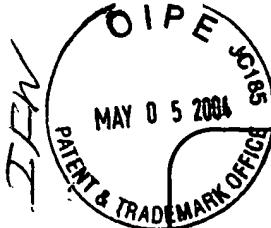
A Form PTO-1449 is enclosed herewith.

Date: 03-MAY-04

Respectfully submitted,



Kevin D. Martin  
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Micron Technology, Inc.  
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AGENT FOR APPLICANT



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0

## Complete if Known

Application Number 10/719,047  
Filing Date November 20, 2003  
First Named Inventor Yongjun J. Hu  
Examiner Name  
Art Unit 2811  
Attorney Docket No. 2003-0930.00/US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☒ Deposit Account:

Deposit Account Number 13-3092, Order No. 2003-0930.00/US

Deposit Account Name Micron Technology, Inc.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

			Extra Claims		Fee from below		Fee Paid
Total Claims	21	-21 **	=	0	X	18	= 0
Independent Claims	4	-4 **	=	0	X	86	= 0
Multiple Dependent					X		= 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ ) 0

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) Kevin D. Martin Registration No. (Attorney/Agent) 37,882 Telephone 208-368-4516  
Signature *Kevin D. Martin* Date 03-MAY-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Sheet: 1 of: 1

FORM: PTO-1449 (REV: 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty Docket No: <b>2003-0930.00/US</b>	Serial No: <b>10/719,047</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant: <b>Micron Technology, Inc.</b>	
(37 CFR 1.98(b))		Filing Date: <b>November 20, 2003</b> Group: <b>2811</b>	

### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	
AA	6,589,884	07/08/2003	Torek	438	755	
AB	6,221,762	04/24/2001	Byun et al.	438	643	
AC	6,075,274	06/13/2000	Wu et al.	257	413	
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AL						<input type="checkbox"/>	<input type="checkbox"/>
AM						<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>

### OTHER ART (including author, title, date, pertinent pages, etc.)

Initial		
AO		
AP		
AQ		
AR		

Examiner:	Date Considered:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.